

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs  | Default Operator | Plurals | Time Stamp          |
|-------|------|---|--|------------------|---------|---------------------|
| S1    | 6    | (OFDM or OFDMA or (orthogonal near5 access)) (acknowledgement or acknowledgment or ACK or NACK) (schem\$3 near ("ID" or identification or identifier)) preamble | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | AND              | ON      | 2008/09/16<br>14:18 |
| S2    | 2    | ("20060050799").PN.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/09/16<br>14:22 |
| S3    | 26   | (OFDM or OFDMA or (orthogonal near5 access)) (acknowledgement or acknowledgment or ACK or NACK) (schem\$3 near ("ID" or identification or identifier))          | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | AND              | ON      | 2008/09/16<br>14:23 |
| S4    | 0    | (10/726096).APP.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/09/16<br>14:29 |
| S5    | 9    | "726096".ap.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | AND              | ON      | 2008/09/16<br>14:31 |
| S6    | 312  | ritter.in. gerhard.in.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | AND              | ON      | 2008/09/16<br>14:42 |
| S7    | 68   | S6 siemens.as.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | AND              | ON      | 2008/09/16<br>14:42 |
| S8    | 2    | ("200213400").PN.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/09/16<br>14:49 |

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| S9  | 2   | "5790551".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2008/09/16<br>14:52 |
| S10 | 2   | "5689502".pn.   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT                     | AND | OFF | 2008/10/02<br>17:43 |
| S11 | 2   | "6643275".pn.   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT                     | AND | OFF | 2008/10/02<br>17:44 |
| S12 | 2   | "6381229".pn.   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT                     | AND | OFF | 2008/10/02<br>17:44 |
| S13 | 26  | ((OFDM or OFDMA or<br>(orthogonal near5 access))<br>(acknowledgement or<br>acknowledgment or ACK or<br>NACK) (schedul\$3 near<br>("ID" or identification or<br>identifier)) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2008/10/02<br>18:08 |
| S14 | 6   | S13 preamble  | US-PGPUB;<br>USPAT; EPO;<br>DERWENT                     | AND | OFF | 2008/10/02<br>18:08 |
| S15 | 56  | ((OFDM or OFDMA or<br>(orthogonal near5 access))<br>(schedul\$3 near ("ID" or<br>identification or identifier))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2008/10/02<br>18:12 |
| S16 | 11  | S15 preamble  | US-PGPUB;<br>USPAT; EPO;<br>DERWENT                     | AND | OFF | 2008/10/02<br>18:13 |
| S17 | 396 | ((OFDM or OFDMA or<br>(orthogonal near5 access))<br>(370/328.ccls. or 370/281.<br>ccls. )   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2008/10/02<br>18:52 |
| S18 | 92  | S17 preamble  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2008/10/02<br>18:52 |
| S19 | 0   | S18 (schedul\$3 near ("ID"<br>or identification or<br>identifier))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2008/10/02<br>18:53 |
| S20 | 25  | S18 (control adj channel)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2008/10/02<br>18:53 |

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| S21 | 17   | S20 @py<="2007"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2008/10/02<br>18:53 |
| S23 | 2    | "6141373".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2008/10/06<br>16:24 |
| S24 | 3    | "7411898".pn.   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT                     | AND | OFF | 2008/10/06<br>16:40 |
| S25 | 4    | ("20050232342"  <br>"20060182063"  <br>"7248659"   "7257151").<br>PN.   | US-PGPUB;<br>USPAT; USOCR                               | AND | OFF | 2008/10/06<br>16:40 |
| S26 | 56   | ((OFDM or OFDMA or<br>(orthogonal near5 access))<br>(schedul\$3 near ("ID" or<br>identification or identifier)) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2008/10/06<br>17:39 |
| S27 | 28   | S26 @py<="2007"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2008/10/06<br>17:39 |
| S28 | 4    | S27 preamble  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2008/10/06<br>17:39 |
| S29 | 8    | ((scheduling adj "ID ")   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2008/10/06<br>17:42 |
| S30 | 8    | ((scheduling adj "ID")  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2008/10/06<br>17:42 |
| S31 | 1570 | ((pre\$1amble or preamble)<br>near generat\$4   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2008/10/06<br>18:36 |
| S32 | 9    | S31 schedul\$3 near3<br>(identif\$4 or ID)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2008/10/06<br>18:37 |

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| S33 | 176  | S31 schedul\$3 (identifi\$4 or ID)         | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/10/06<br>18:37 |
| S34 | 129  | S33 @py<="2006"                            | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/10/06<br>18:41 |
| S35 | 10   | S34 OFDM                                   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/10/06<br>18:41 |
| S36 | 1570 | (pre\$1amble or preamble) near generat\$4  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/10/07<br>11:29 |
| S37 | 176  | S36 schedul\$3 (identifi\$4 or ID)         | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/10/07<br>11:29 |
| S38 | 29   | S37 ofdm                                   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/10/07<br>11:29 |
| S39 | 6519 | 370/328.ccls. or 370/349.ccls.             | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/10/07<br>15:12 |
| S40 | 421  | S39 OFDM                                   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/10/07<br>15:12 |
| S41 | 111  | S40 preamble                               | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/10/07<br>15:13 |
| S42 | 62   | S41 ("ID" or identification or identifier) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/10/07<br>15:13 |

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| S43 | 37   | S42 @py<="2006"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/10/07<br>15:13 |
| S44 | 1    | S42 (slot near4 preamble)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/10/07<br>15:14 |
| S45 | 5649 | "370".clas. OFDM   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/10/07<br>15:15 |
| S46 | 1441 | S45 preamble   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/10/07<br>15:15 |
| S47 | 237  | S46 ("ID" or identification<br>or identifier) slot random  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/10/07<br>15:15 |
| S48 | 13   | S47 (slot near4 preamble)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/10/07<br>15:16 |
| S49 | 351  | S46 ("ID" or identification<br>or identifier) slot   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/10/07<br>15:21 |
| S50 | 20   | S49 (slot near4 preamble)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/10/07<br>15:21 |
| S51 | 2    | "20040246998"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/10/16<br>09:26 |
| S52 | 57   | (OFDM or OFDMA or<br>(orthogonal near5 access))<br>(schedul\$3 near ("ID" or<br>identification or identifier)) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/10/16<br>10:09 |

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|-----|-------|---|---|-----|-----|------------------|
| S53 | 32    | ((OFDM or OFDMA or (orthogonal near5 access)) (schedul\$3 near ("ID" or identification or identifier)) random | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON  | 2008/10/16 10:33 |
| S54 | 42    | ((uplink or downlink) near3 frame) same ((slot or channel) with (control and data)) and OFDMA                 | US-PGPUB; USPAT; EPO; DERWENT               | AND | OFF | 2008/10/16 11:24 |
| S55 | 20    | ((uplink or downlink) near3 frame) with ((slot or channel) with (control and data)) and OFDMA                 | US-PGPUB; USPAT; EPO; DERWENT               | AND | OFF | 2008/10/16 11:25 |
| S56 | 2     | ("20040179469"   "20060003784").PN.   | US-PGPUB; USPAT; USOCR                      | AND | OFF | 2008/10/16 13:34 |
| S62 | 14826 | 370/338-349.cds.  | US-PGPUB; USPAT; EPO; DERWENT               | AND | OFF | 2008/10/22 12:36 |
| S63 | 1490  | OFDM S62  | US-PGPUB; USPAT; EPO; DERWENT               | AND | OFF | 2008/10/22 12:37 |
| S64 | 7     | S63 (scheduling near (ID or identifier or identification))  | US-PGPUB; USPAT; EPO; DERWENT               | AND | OFF | 2008/10/22 12:38 |
| S65 | 4     | S64 preamble  | US-PGPUB; USPAT; EPO; DERWENT               | AND | OFF | 2008/10/22 12:44 |
| S66 | 106   | S63 schedul\$4 preamble   | US-PGPUB; USPAT; EPO; DERWENT               | AND | OFF | 2008/10/22 12:45 |
| S67 | 1     | S66 (cod\$3 near4 timing) same power  | US-PGPUB; USPAT; EPO; DERWENT               | AND | OFF | 2008/10/22 12:48 |
| S68 | 1     | S66 ((cod\$3 near4 timing) same power)  | US-PGPUB; USPAT; EPO; DERWENT               | AND | OFF | 2008/10/22 12:48 |
| S69 | 9     | ((preamble near5 (information or data)) with (((cod\$3 or random) near5 (timing or frame)) same power)        | US-PGPUB; USPAT; EPO; DERWENT               | AND | OFF | 2008/10/22 12:51 |
| S70 | 16    | preamble (schedul\$4 near2 (ID or identifier or identification)) OFDM   | US-PGPUB; USPAT; EPO; DERWENT               | AND | OFF | 2008/10/22 13:13 |
| S71 | 7     | S70 random  | US-PGPUB; USPAT; EPO; DERWENT               | AND | OFF | 2008/10/22 13:13 |
| S72 | 483   | RACH preamble   | US-PGPUB; USPAT; EPO; DERWENT               | AND | OFF | 2008/10/22 13:19 |

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| S73 | 2    | S72 (scheduling near (ID or identifier or identification))                | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | OFF | 2008/10/22<br>13:19 |
| S74 | 148  | S72 schedul\$4  | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | OFF | 2008/10/22<br>13:20 |
| S75 | 19   | S72 (schedul\$3 with (ID or identifier or identification))                | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | OFF | 2008/10/22<br>13:20 |
| S76 | 5    | ("6363267").URPN.   | USPAT                               | AND | OFF | 2008/10/22<br>13:24 |
| S77 | 1    | ("2005/0030931").URPN.  | USPAT                               | AND | OFF | 2008/10/22<br>13:28 |
| S78 | 2978 | samsung.as. sung.in.  | USPAT                               | AND | OFF | 2008/10/22<br>13:30 |
| S79 | 180  | S78 "370".clas.   | USPAT                               | AND | OFF | 2008/10/22<br>13:30 |
| S80 | 46   | S79 @py< = "2005"   | USPAT                               | AND | OFF | 2008/10/22<br>13:30 |
| S81 | 1    | S80 song.in.  | USPAT                               | AND | OFF | 2008/10/22<br>13:30 |
| S82 | 73   | S79 @py< = "2006"   | USPAT                               | AND | OFF | 2008/10/22<br>13:31 |
| S83 | 1    | S82 song.in.  | USPAT                               | AND | OFF | 2008/10/22<br>13:31 |
| S84 | 3    | "20010053136"   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | OFF | 2008/10/22<br>14:27 |
| S85 | 2    | "5790551".pn.   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | OFF | 2008/10/22<br>15:04 |
| S86 | 2    | "6967935".pn.   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | OFF | 2008/10/22<br>15:17 |
| S87 | 3363 | 370/328.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | OFF | 2008/10/22<br>15:30 |
| S88 | 0    | S87 preamble (schedul\$4 near2 (ID or identifier or identification)) OFDM | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | OFF | 2008/10/22<br>15:30 |
| S89 | 2    | S87 preamble (schedul\$4 near2 (ID or identifier or identification))      | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | OFF | 2008/10/22<br>15:31 |
| S90 | 1    | ("6967935").URPN.   | USPAT                               | AND | OFF | 2008/10/22<br>16:08 |

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| S91  | 15  | ("20020067701"  <br>"20040057397"  <br>"5689502"   "6163533"  <br>"6374085"   "6381229"  <br>"6493334"   "6519233"  <br>"6577610"   "6606313"  <br>"6614779"   "6643275"  <br>"6674739"   "6741861"  <br>"6882841").PN. | US-PGPUB;<br>USPAT; USOCR           | AND | OFF | 2008/10/22<br>16:09 |
| S93  | 1   | "5909436".pn.   | US-PGPUB;<br>USPAT; USOCR           | AND | OFF | 2008/10/23<br>12:07 |
| S94  | 26  | ("5909436").URPN.   | USPAT                               | AND | OFF | 2008/10/23<br>12:08 |
| S95  | 1   | "6967935".pn.   | US-PGPUB;<br>USPAT; USOCR           | AND | OFF | 2008/10/23<br>12:20 |
| S96  | 828 | schedul\$4 OFDM preamble  | US-PGPUB;<br>USPAT; USOCR           | AND | OFF | 2008/10/23<br>13:08 |
| S97  | 235 | S96 uplink downlink<br>(identifier or identification<br>or ID)  | US-PGPUB;<br>USPAT; USOCR           | AND | OFF | 2008/10/23<br>13:10 |
| S98  | 13  | S97 (random adj access).<br>ab.   | US-PGPUB;<br>USPAT; USOCR           | AND | OFF | 2008/10/23<br>13:10 |
| S99  | 16  | (power adj (data or<br>information or change or<br>modification or command))<br>near3 preamble  | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | OFF | 2008/10/23<br>16:57 |
| S100 | 9   | S99 OFDM  | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | OFF | 2008/10/23<br>16:57 |
| S101 | 0   | ((contain or include) near2<br>(power adj (data or<br>information or command)))<br>near2 preamble   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON  | 2008/10/23<br>17:26 |
| S102 | 0   | ((contain or include) near2<br>(power adj (data or<br>information or command)))<br>near3 preamble   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON  | 2008/10/23<br>17:27 |
| S103 | 0   | ((contain\$3 or includ\$3)<br>near2 (power adj (data or<br>information or command)))<br>near3 preamble  | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON  | 2008/10/23<br>17:27 |
| S104 | 3   | "7248659"   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | OFF | 2008/10/24<br>14:20 |
| S105 | 422 | (session near2 based<br>near3 ID)   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON  | 2009/05/07<br>11:23 |
| S106 | 6   | S105 preamble   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON  | 2009/05/07<br>11:23 |



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| S107 | 2    | S105 (OFDM or OFDMA)   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/05/07<br>11:26 |
| S108 | 92   | S105 schedul\$5  | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/05/07<br>11:26 |
| S109 | 1002 | schedul\$5 near2 ID  | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/05/07<br>11:27 |
| S110 | 0    | S109 session (temporary<br>near3 ID)   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/05/07<br>11:27 |
| S111 | 2    | S109 session (temporar\$6<br>near6 ID)   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/05/07<br>11:27 |
| S112 | 984  | session (temporar\$6 near6<br>ID)  | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/05/07<br>11:28 |
| S113 | 34   | S112 (OFDM or OFDMA)   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/05/07<br>11:28 |
| S114 | 7    | S113 preamble  | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/05/07<br>11:28 |
| S115 | 0    | ((disassociat\$6 or discard\$4<br>or dispos\$5) near4 (ID or<br>identification or Identifier)<br>near4 ("when" or "once" or<br>after or upon) near6<br>((session or transfer or<br>(transm\$6 near3 control)<br>or reception or<br>transmission) adj3 (finish<br>\$3 or end\$3 or done)) | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/05/07<br>16:56 |
| S116 | 48   | (ID or identification or<br>Identifier) near4 ("when"<br>or "once" or after or upon)<br>near6 ((session or transfer<br>or (transm\$6 near3<br>control) or reception or<br>transmission) adj3 (finish<br>\$3 or end\$3 or done))  | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/05/07<br>16:57 |
| S117 | 0    | ((disassociat\$6 or discard\$4<br>or dispos\$5) near6 (ID or<br>identification or Identifier)<br>near4 ("when" or "once" or<br>after or upon) near6<br>((session or transfer or<br>(transm\$6 near3 control)<br>or reception or<br>transmission) adj3 (finish<br>\$3 or end\$3 or done)) | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/05/07<br>16:57 |

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|------|----|--|-------------------------------------|-----|----|---------------------|
| S118 | 0  | ((disassociat\$6 or discard\$4 or dispos\$5 or delet\$4 or eliminat\$5) near6 (ID or identification or Identifier) near4 ("when" or "once" or after or upon) near6 ((session or transfer or (transm\$6 near3 control) or reception or transmission) adj3 (finish \$3 or end\$3 or done)) | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/05/07<br>16:58 |
| S119 | 0  | ((disassociat\$6 or discard\$4 or dispos\$5) near7 (ID or identification or Identifier) near4 ("when" or "once" or after or upon) near6 ((session or transfer or (transm\$6 near3 control) or reception or transmission) adj3 (finish \$3 or end\$3 or done))                            | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/05/07<br>17:00 |
| S120 | 0  | ((delet\$4 or eras\$4 or recover\$5) near7 (ID or identification or Identifier) near4 ("when" or "once" or after or upon) near6 ((session or transfer or (transm\$6 near3 control) or reception or transmission) adj3 (finish \$3 or end\$3 or done))                                    | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/05/07<br>17:02 |
| S121 | 0  | ((delet\$4 or eras\$4 or recover\$5) near7 (ID or identification or Identifier) near6 ("when" or "once" or after or upon) near6 ((session or transfer or (transm\$6 near3 control) or reception or transmission) adj3 (finish \$3 or end\$3 or done))                                    | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/05/07<br>17:02 |
| S122 | 20 | ((delet\$4 or eras\$4 or recover\$5 or disassociat\$6 or discard\$4 or dispos\$5) near7 (ID or identification or Identifier) near6 ((session or transfer or (transm\$6 near3 control) or reception or transmission) adj3 (finish \$3 or end\$3 or done))                                 | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/05/07<br>17:03 |

|      |     |   |                                     |     |    |                     |
|------|-----|---|-------------------------------------|-----|----|---------------------|
| S123 | 14  | (delet\$4 or eras\$4 or recover\$5 or disassociat\$6 or discard\$4 or dispos\$5) near4 (ID or identification or Identifier) near6 ((session or transfer or (transm\$6 near3 control) or reception or transmission) adj3 (finish \$3 or end\$3 or done)) | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/05/07<br>17:03 |
| S124 | 1   | "10582636"  | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/07/21<br>14:19 |
| S125 | 2   | "20040082356"   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/07/21<br>14:45 |
| S126 | 1   | "10582636"  | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/10/19<br>11:16 |
| S127 | 3   | ((preamble adj2 channel) same (different or separte or unlike) same (RACH or ((random adj access) near2 channel))   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/10/19<br>11:42 |
| S128 | 23  | ((preamble adj2 channel) with (RACH or ((random adj access) near2 channel))   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/10/19<br>11:43 |
| S129 | 10  | ((preamble adj2 channel) near3 (different near3 channel)  | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/10/19<br>11:47 |
| S130 | 7   | ((preamble adj2 channel) near5 (different near2 channel)  | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/10/19<br>11:48 |
| S131 | 3   | ((preamble adj2 channel) with (different near2 channel)) (RACH or ((random adj access) near2 channel))  | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/10/19<br>11:51 |
| S132 | 661 | ((preamble) with (RACH or ((random adj access) near2 channel))  | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/10/19<br>12:23 |
| S133 | 143 | S132 same (different or separte or unlike) same (RACH or ((random adj access) near2 channel))   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/10/19<br>12:23 |
| S134 | 25  | S133 (preamble adj2 channel)  | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/10/19<br>12:24 |
| S135 | 82  | ((preamble ) near5 (different near2 (frequec\$2 or channel))  | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/10/19<br>12:28 |

|      |     |  |                                     |     |    |                     |
|------|-----|--|-------------------------------------|-----|----|---------------------|
| S136 | 19  | S135 ((preamble) same (RACH or ((random adj access) near2 channel)))   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/10/19<br>12:29 |
| S137 | 42  | S135 @py<="2006"   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/10/19<br>12:32 |
| S138 | 3   | ((preamble) near5 (different near2 (frequenc\$2 or channel))) with (RACH or ((random adj access) near2 channel))         | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/10/19<br>12:34 |
| S139 | 15  | S132 same ((different or separte or unlike) near2 (frequenc\$3 or channel))  | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/10/19<br>12:40 |
| S140 | 793 | preamble with (different or separte or unlike) with (frequenc\$3 or channel)   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/10/19<br>12:42 |
| S141 | 42  | S140 same (RACH or ((random adj access) near2 channel))  | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/10/19<br>12:43 |
| S142 | 10  | (preamble near2 (frequenc\$3 or channel)) with (different or separte or unlike) with (RACH or random)                    | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/10/19<br>12:58 |
| S143 | 2   | transmi\$5 near4 preamble near4 (different or separte or another) near4 (frequenc\$4) near (RACH or (random adj access)) | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/10/19<br>13:49 |
| S144 | 1   | preamble near4 (different or separte or another) near4 (frequenc\$4) near (RACH or (random adj access))                  | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/10/19<br>13:50 |
| S145 | 17  | preamble near4 (different or separte or another) near7 (frequenc\$4 or channel) near6 (RACH or (random adj access))      | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/10/19<br>13:51 |

10/ 20/ 2009 5:51:50 PM

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